

DENTAL ASSISTING III

DOE #5205

CIP Code: 51.0601 Dental Assisting/Assistant

Dental Assisting III is a course designed to provide the dental assisting student with specific knowledge of instrumentation and procedural sequencing in the specialty areas of dentistry. Various instructional strategies and technologies will be used to give the student the opportunity to practice skills in orthodontics, endodontics, prosthodontics, oral surgery, pedodontics, and periodontics. These skills are gained by simulated experiences and/or by clinical rotations in dental facilities. Leadership skills are developed and community service provided through HOSA. Students have the opportunity to compete in a number of competitive events at both the state and national level.

- Recommended Grade Level: 11-12
- Required Prerequisite: Dental Assisting II and current CPR certification
- Recommended Prerequisite: Chemistry
- Credits: A one-semester course, two to three credits per semester
- A Core 40, Core 40 with Academic Honors, and Core 40 with Technical Honors diploma directed elective course
- A Career Academic Sequence, Career-Technical program, or Flex Credit course
- Academic content standards:
http://www.doe.state.in.us/octe/health/hce/dental_assisting-III.pdf
- Curriculum Framework:
http://www.doe.state.in.us/octe/health/hce/dental_assisting-III.pdf
- Teacher Requirements: <http://doe.state.in.us/dps/licensing/assignmentcode>
- Funding: State Additional Pupil Count (APC) vocational funding available if taught by CTE licensed Health Sciences teacher

Content Standards and Competencies

The following are measurable exit standards and competencies that students should know and be able to do at the conclusion of the course. The content standards and competencies do not define a specific sequence for teaching and learning. While all content standards and competencies should be addressed in some way, teaching order and areas of emphasis will vary according to local needs.

1. ORTHODONTICS: PERFORM CHAIRSIDE ASSISTING SKILLS FOR ORTHODONTIC DENTISTRY.

- 1.1. Define and use vocabulary terms associated with orthodontics.
- 1.2. Explain classifications of malocclusion and mal-positioning of groups of teeth.
- 1.3. Explain causes of malocclusion.
- 1.4. Describe preventative, interceptive, and corrective orthodontia.
- 1.5. List the principles of tooth movement.
- 1.6. List the steps involved in pre-orthodontic treatment including diagnostic records.

- 1.7. Describe the difference between a consultation appointment and a pre-orthodontic treatment appointment.
- 1.8. Describe the stages of orthodontic treatment.
- 1.9. Differentiate between special and routine fixed and/or removable orthodontic appliances, and state their function.
- 1.10. Identify orthodontic instruments/materials and state their functions.
- 1.11. Explain procedures on how to remove orthodontic appliances.
- 1.12. Inform a patient regarding the importance of maintaining proper oral hygiene.
- 1.13. Explain and/or demonstrate the role of the dental assistant during various orthodontic procedures.

2. PEDODONTICS: PERFORM CHAIRSIDE ASSISTING FOR PEDIATRIC DENTISTRY.

- 2.1. Correctly define terms related to pediatric dentistry.
- 2.2. Describes ways to relate to pediatric patients.
- 2.3. Explain methods of behavior management.
- 2.4. Inform parents or guardians of all aspects of their child's dental care.
- 2.5. List the common procedures in pediatric dentistry.
- 2.6. Recognize instruments and describe their functions in pedodontic procedures.
- 2.7. Recognize equipment that is unique to pediatric dentistry.
- 2.8. Explain emergency dental treatment as related to pediatric dentistry.
- 2.9. List types of child abuse.
- 2.10. Recognize laws regarding child abuse and the procedures for reporting.
- 2.11. Explain and /or demonstrate the role of the dental assistant during various pedodontic procedures.

3. ENDODONTICS: PERFORM CHAIRSIDE ASSISTING SKILLS FOR ENDODONTIC DENTISTRY.

- 3.1. Define and use vocabulary terms associated with endodontics.
- 3.2. List the general steps followed in endodontic diagnosis.
- 3.3. Recognize endodontic instruments/materials and state their functions.
- 3.4. List the steps of various endodontic therapies.
- 3.5. Explain and/or demonstrate the role of the dental assistant during various endodontic procedures.

4. PROSTHODONTICS: PERFORM CHAIRSIDE ASSISTING FOR PROSTHODONTIC DENTISTRY.

- 4.1. Define and use terms related to prosthodontics.
- 4.2. Describe the evaluation process of patients requiring prosthesis.
- 4.3. Describe types of prosthodontic appliances.
- 4.4. Explain advantages and disadvantages of fixed and removable prosthetics.
- 4.5. Explain various prosthodontic procedures.
- 4.6. Inform a patient of the care needed for maintaining dental prosthetics.
- 4.7. Identify instruments and materials used in prosthodontic procedures.
- 4.8. Explain and/or demonstrate the role of the dental assistant during various prosthodontic procedures.

5. PERIODONTICS: PERFORM CHAIRSIDE ASSISTING FOR PERIODONTIC DENTISTRY.

- 5.1. Define and use terms associated with periodontics.
- 5.2. List and describe methods of diagnosing, treating, and preventing periodontal disease.
- 5.3. Recognize periodontal instruments/materials and state their functions.
- 5.4. List the types of periodontal dressings.
- 5.5. Explain how periodontal dressings are prepared, placed, and removed.
- 5.6. Explain pre-operative and post-operative procedures for periodontal surgery.
- 5.7. Instruct a patient in oral hygiene care.
- 5.8. Explain and/or demonstrate the role of the dental assistant during various periodontic procedures.

6. ORAL AND MAXILLOFACIAL SURGERY: PERFORM CHAIRSIDE ASSISTING SKILLS FOR ORAL AND MAXILLOFACIAL SURGERY.

- 6.1. Define and use vocabulary terms associated with oral and maxillofacial surgery.
- 6.2. Recognize surgical instruments and describe their function.
- 6.3. Define the terms of consent.
- 6.4. State the procedures involved in patient consultation, pre-operative, surgical, and post-operative instructions.
- 6.5. Recognize oral surgery instruments/materials and state their functions.
- 6.6. Explain and/or demonstrate the role of the dental assistant during various oral surgery procedures.